

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 2 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.
 BORING ID: GP4-9
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	24"	0	gray graded base with gravel, silt, fine sand	
-1					0.0		
-2			2'		2	tan to gray fine SAND, trace gravel with broken rock; dry	
-3							
-4						End of Boring at 2 feet	
-5							
-6							
-7							
-8							
-9							
-10							
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements							Summary
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill		
					Rock: NA		
					Well Depth: NA		
					Boring: 2'		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-8
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	48"	0	black asphalt and graded base	
-1					0.0	tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)	
-2					2		
-3					2	tan to gray fine to silty fine SAND, little medium sand; dry (FILL)	
-4					0.0		
-5	S2		5'	40"	4	black fine to silty fine SAND, trace medium sand, with wood; dry (FILL)	
-6					4		
-7					0.9	see above with 6" concrete layer	
-8					6		
-9					6	black fine to silty fine SAND, trace medium sand, trace coarse sand; moist to wet (FILL)	
-10	S3		10'	48"	1.9		
-11					8	End of Boring at 15 feet; No Refusal	
-12					0.0		
-13					8		
-14					10'		
-15					10		
-16					0.8		
-17					12		
-18					0.7		
-19					14		
-20					15'		
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden:	Fill; Sand	
					Rock:	NA	
					Well Depth:	NA	
					Boring:	15'	

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-7
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0	black asphalt and graded base	
-1					0.0	tan to gray fine SAND; trace gravel with broken concrete pieces; dry (FILL)	
					2		
-2					2		
					1.3	tan to gray fine to silty fine SAND, little medium sand; dry	
-3					4		
					4		
-4					4	black fine to silty fine SAND; trace medium sand; with wood; dry (FILL)	
			5'		1.1		
-5	S2		5'	48"	6		
					6		
-6					0.9		
					8		
-7					8		
					0.3		
-8					10		
			10'		10		
-9					2.6		
-10	S3		10'	60"	12		
					12		
-11					1.3		
					14		
-12							
-13							
-14							
			15'				
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 15'		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-6
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-1					0.0		
					2		
-2					2		
					0.0	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry (FILL)	
-3					4		
					4		
-4					4		
			5'		0.1	gray fine to silty fine SAND, trace medium sand with broken glass, linear dry (FILL)	
-5	S2		5'	48"	6		
					6		
-6					0.0		
					8		
-7					8		
					1.6	gray to black fine SAND, little gravel, trace silt with wood; moist (FILL)	
-8					10		
			10'		10		
-9					0.0		
-10	S3		10'	45"	10	gray to black fine SAND, little gravel, trace silt with wood; moist (FILL)	
					0.0		
-11					12	Approximate Water Table gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
					0.1		
-12					14		
-13						End of Boring at 15 feet; No Refusal	
-14							
			15'				
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden:	Fill; Sand	
					Rock:	NA	
					Well Depth:	NA	
					Boring:	15'	

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
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Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-5
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-1					0.0			
-2					2			
-3					0.9	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry (FILL)		
-4					4			
-5	S2		5'	48"	0.1			
-6					6	dark fine to silty fine SAND, trace medium sand with wood and glass; moist to dry (FILL)		
-7					0.6			
-8					8			
-9					0.4			
-10	S3		10'	40"	10	gray to black fine SAND, little gravel, trace silt with wood; moist (FILL)		
-11					0.0			
-12					12	Approximate Water Table gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
-13					0.1			
-14					14			
-15			15'			End of Boring at 15 feet; No Refusal		
-16								
-17								
-18								
-19								
-20								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand			
					Rock: NA			
					Well Depth: NA			
					Boring: 15'			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
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Client: City of Waltham
 Location: 240 Beaver St
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 Ground El.

BORING ID: GP4-4
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
					0.0		
-1					2		
					2		
-2					2	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry (FILL)	
					0.0		
-3					4		
					4		
-4					4	black fine to silty fine SAND, trace medium sand with broken glass, asphalt pieces, concrete pieces, etc. (FILL)	
			5'		0.9		
-5	S2		5'	48"	6		
					6		
-6					6	gray to black fine SAND, little gravel, trace silt with wood; moist (FILL)	
					1.2		
-7					8		
					8		
-8					0.7	Approximate Water Table gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-9					10		
			10'		10		
-10	S3		10'	40"	10		
					0.2	End of Boring at 15 feet; No Refusal	
-11					12		
					12		
-12					0.1		
					14		
-13							
-14							
			15'				
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 15'		

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Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.:

BORING ID: GP4-3
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample					PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-1					0.0			
					2			
-2					2	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry (FILL)		
					0.0			
-3					4			
-4					4	gray fine to silty fine SAND, trace medium sand, with broken glass, brick and wood; dry (FILL)		
			5'		0.9			
-5	S2		5'	48"	6			
					6	gray fine to silty fine SAND, trace medium sand, with broken glass, brick and wood; dry (FILL)		
-6					1.2			
-7					8			
					8	gray fine to silty fine SAND, trace medium sand, moist		
-8					0.7			
-9					10			
			10'		10	gray fine to silty fine SAND, trace medium sand, moist		
-10	S3		10'	40"	0.2			
-11					12			
-12					12	Approximate Water Table		
					0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
-13					14			
-14								
			15'			End of Boring at 15 feet; No Refusal		
-15								
-16								
-17								
-18								
-19								
-20								
Groundwater Measurements							Summary	
Date	Time	Depth to Groundwater		Measuring Point		Overburden:	Fill; Sand	
						Rock:	NA	
						Well Depth:	NA	
						Boring:	15'	

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-2
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)	
-1					0.1		
-2					2		
-3					2		
-4					0.0		
-5	S2		5'	48"	4		
-6					4		
-7					0.1		
-8					0.1		
-9					6		
-10	S3		10'	60"	6		
-11					6		
-12					0.1		
-13					8		
-14					8		
-15					0.3		
-16					10		
-17					10		
-18					0.9		
-19					12		
-20					12		
-21					0.6		
-22					14		
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TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 15 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP4-1
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-1					0.1			
-2					2			
-3					0.0	tan to gray fine to silty fine SAND, little medium sand with glass; dry (FILL)		
-4					4			
-5	S2		5'	48"	0.1			
-6					6			
-7					0.1			
-8					8	black fine to silty fine SAND, trace medium sand, with broken glass, concrete pieces; dry (FILL)		
-9					0.3			
-10	S3		10'	60"	10			
-11					0.9			
-12					12			
-13					0.6	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
-14					14			
-15	S4		15'			End of Boring at 15 feet; No Refusal		
-16								
-17								
-18								
-19								
-20								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand			
					Rock: NA			
					Well Depth: NA			
					Boring: 15'			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
Total Depth: 2 ft
Date Started: 12/9/2019
Casing ID:
Remarks: 6610 DT Geoprobe

Client: City of Waltham
Location: 240 Beaver St
Completed: 12/9/2019
Ground El.

BORING ID: GP3-1
Logged By: AMS
Contractor: Crawford
Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	18"	0.0	brown loamy soil	
-1						tan to brown loamy soil with brown fine SAND	
-2						End of Boring at 2 feet; Refusal at 2 ft	
-3							
-4							
-5							
-6							
-7							
-8							
-9							
-10							
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							

Groundwater Measurements				Summary	
Date	Time	Depth to Groundwater	Measuring Point	Overburden:	Loamy soil
				Rock:	NA
				Well Depth:	NA
				Boring:	2 ft

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 2 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.
 BORING ID: GP3-2
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	18"	0.0	brown loamy soil	
-1						tan to brown loamy soil with brown fine SAND	
-2						End of Boring at 2 feet; Refusal at 2 ft	
-3							
-4							
-5							
-6							
-7							
-8							
-9							
-10							
-11							
-12							
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-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater	Measuring Point	Overburden: Loamy soil			
				Rock: NA			
				Well Depth: NA			
				Boring: 2 ft			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
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 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP3-3
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	18"	0.0	brown loamy soil	
-1						tan to brown loamy soil with brown fine SAND	
-2						End of Boring at 2 feet; Refusal at 2 ft	
-3							
-4							
-5							
-6							
-7							
-8							
-9							
-10							
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden:	Loamy soil	
					Rock:	NA	
					Well Depth:	NA	
					Boring:	2 ft	

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 9 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.

BORING ID: GP3-4
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	30"	0.0	4" Leaf Litter		
-1					1	broken glass pile		
-2					0.1	tan to brown fine to silty fine SAND, trace gravel, glass, wood, possible coal ash		
-3					3			
-4					3	black silty fine SAND, little coarse sand, trace gravel and wood, broken pieces of coal		
-5			5'	48"	5			
-6					0.8	tan to brown silty fine SAND, little medium sand, trace gravel: moist to wet		
-7					7			
-8					0.2			
-9					9			End of Boring at 9 feet; No Refusal
-10			10'					
-11								
-12								
-13								
-14								
-15								
-16								
-17								
-18								
-19								
-20								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill, Sand			
					Rock: NA			
					Well Depth: NA			
					Boring: 9 ft			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 9 ft
 Date Started: 12/9/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 12/9/2019
 Ground El.
 BORING ID: GP3-5
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample					PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	30"	0.0		4" Leaf Litter	
-1					1		broken glass pile	
-2					0.0		tan to brown fine to silty fine SAND, trace gravel, glass, wood, possible coal ash	
-3					3			
-4					1.7		DEP: SILTY FINE SAND, little coarse sand, trace gravel, glass, wood, broken pieces of coal	
			5'		5			
-5			5'	50"	5			
-6					0.1		tan to brown silty fine SAND, little medium sand, trace gravel: moist to wet	
-7					7			
-8					0.1			
					9			
-9							End of Boring at 9 feet; No Refusal	
			10'					
-10								
-11								
-12								
-13								
-14								
-15								
-16								
-17								
-18								
-19								
-20								
Groundwater Measurements							Summary	
Date	Time	Depth to Groundwater		Measuring Point		Overburden: Fill, Sand		
						Rock: NA		
						Well Depth: NA		
						Boring: 9 ft		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 9 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 225-227 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP2-3
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0.0	brown loamy soil tan to brown fine SAND, trace coarse sand with gravel; dry brown fine SAND, 8" coarse sand layer, gray gravel with silt lenses; dry	
-1					1		
-2					0.0		
-3					3		
-4					3		
-5					0.0		
-6			5'		5		
-7	S2		5'	36"	5		
-8					0.0		
-9					9		
-10			10'			End of Boring at 8 feet; Refusal at 9 ft	
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 9 ft		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 9 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 225-227 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP2-2
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0.0	brown loamy soil tan to brown fine SAND, trace coarse sand with gravel; dry See Above	
-1					1		
-2					0.0		
-3					3		
-4					3		
-5					0.0		
-6			5'		5		
-7	S2		5'	36"	5		
-8					0.0		
-9					7		
-10					7	End of Boring at 8 feet; Refusal at 9 ft	
-11					0.0		
-12					9		
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 9 ft		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 8 ft
 Date Started: 10/10/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 225-227 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP2-1
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0.0	brown loamy soil tan to brown fine SAND, trace coarse sand with gravel; dry See Above	
-1					1		
-2					0.0		
-3					3		
-4					3		
-5	S2		5'	36"	5		
-6					0.0		
-7					7		
-8					0.0		
-9					9		
-10			10'				
-11							
-12							
-13							
-14							
-15							
-16							
-17							
-18							
-19							
-20							
Note: 3 additional attempts did not get past 9 feet							
Groundwater Measurements					Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 8 ft		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP1-8
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0	black asphalt and graded base	
-1					0.0	tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)	
-2					2		
-3					0.8		
-4					4	tan to gray fine to silty fine SAND, little medium sand; dry	
-5	S2		5'	48"	1.1		
-6					6		
-7					0.9	black fine to silty fine SAND, trace medium sand, with wood and glass; dry	
-8					8		
-9					1.6		
-10	S3		10'	60"	10		
-11					2.1		
-12					12		
-13					1.3		
-14					14		
-15	S4		15'		0.7	gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet	
-16					16		
-17					0.1		
-18					18		
-19					0.0		
-20			20'		20	End of Boring at 20 feet; No Refusal	
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 20'		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP1-7MW
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0	tan to brown fine SAND, little coarse sand trace medium sand with wood and gravel; dry (FILL)		
-1					0.1			
					2			
-2					2	tan to gray fine to silty fine SAND, little medium sand with wood and glass; dry		
					0.0			
-3					4			
					4			
-4					0.1			
			5'		6			
-5	S2		5'	48"	6			black fine to silty fine SAND, trace medium sand, with broken glass, asphalt pieces, concrete pebbles; dry
					0.1			
-6					8			
					8			
-7					0.3			
					10			
-8					10			
			10'		0.9			
-9	S3		10'	60"	12	See Above		
					12			
-10					0.6			
					14			
-11					14			
			15'		0.1			
-12	S4		15'		16			gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet
					16			
-13					0.0			
					18			
-14					18			
					0.0			
-15					20			
			20'		20			
-16						End of Boring at 20 feet; No Refusal		
-17								
-18						Groundwater Measurements		
-19						Summary		
-20						Date		
						Time		
						Depth to Groundwater		
						Measuring Point		
						Overburden: Fill; Sand		
						Rock: NA		
						Well Depth: NA		
						Boring: 20'		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP1-6
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1


Depth (Feet)	Sample					PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0.0	black asphalt and graded base tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)		
-1					1			
-2					0.0			
-3					3	tan to gray fine to silty fine SAND, little medium sand; dry		
-4					3			
-5					0.0			
-6			5'		5			
-7	S2		5'	48"	5			
-8					0.0			
-9					7			
-10					7			
-11					0.0			
-12					9			
-13					9	gray fine to silty fine SAND, trace medium sand, with pebbles; dry		
-14			10'		0.1			
-15	S3		10'	60"	11			
-16					11			
-17					0.1			
-18					13			
-19					13			
-20					0.0			
-21			15'		15			gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet
-22	S4		15'		15			
-23					0.1			
-24					17			
-25					17			
-26					0.0			
-27					20'			
-28					20			
-29						End of Boring at 20 feet; No Refusal		
-30								
-31								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater	Measuring Point	Overburden: Fill; Sand				
				Rock: NA				
				Well Depth: NA				
				Boring: 20'				

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.
 BORING ID: GP1-5MW
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0.0	black asphalt and graded base	
-1					1	tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)	
-2					0.0		
-3					3		
-4					3	tan to gray fine to silty fine SAND, little medium sand; dry	
-5					0.0		
-6			5'		5		
-7	S2		5'	48"	5		
-8					0.0		
-9					7		
-10					7		
-11					0.0		
-12					9		
-13			10'		9		
-14			10'	60"	0.1	gray fine to silty fine SAND, trace medium sand, with pebbles; dry	
-15	S3				11		
-16					11		
-17					0.1		
-18					13		
-19					13		
-20					0.0		
-21			15'		15		
-22	S4		15'		15	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-23					0.1		
-24					17		
-25					17		
-26					0.0		
-27					0.0		
-28					20'		
-29			20'		20		
-30						End of Boring at 20 feet; No Refusal	
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater	Measuring Point	Overburden: Fill; Sand			
				Rock: NA			
				Well Depth: NA			
				Boring: 20'			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.:

BORING ID: GP1-4
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1


Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery			
0	S1		0'	40"	0.0	black asphalt and graded base tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)	
-1					1		
-2					0.0		
					3	tan to gray fine to silty fine SAND, little medium sand; dry	
-3					3		
					0.0		
-4							
			5'		5		
-5	S2		5'	48"	5		
					0.0		
-6					7		
-7					7		
					0.0		
-8					9		
-9					9		
			10'		0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet	
-10	S3		10'	60"	11		
-11					11		
					0.1		
-12					13		
-13					13		
					0.0		
-14							
			15'		15		
-15	S4		15'		15		
					0.1		
-16					17		
-17					17		
					0.0	gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet	
-18							
-19							
			20'		20	End of Boring at 20 feet; No Refusal	
-20							
Groundwater Measurements						Summary	
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand		
					Rock: NA		
					Well Depth: NA		
					Boring: 20'		

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.
 BORING ID: GP1-3MW
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0.0	black asphalt and graded base		
-1					1	tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)		
-2					0.0			
					3	tan to gray fine to silty fine SAND, little medium sand; dry		
-3					3			
					0.0			
-4								
			5'		5			
-5	S2		5'	48"	5	gray fine to silty fine SAND, trace medium sand, with pebbles; dry		
					0.0			
-6					7			
-7					7			
					0.0			
-8					9			
-9					9			
			10'		0.1			
-10	S3		10'	60"	0.1			Approximate Water Table -----
					11			
-11					11			
					0.1			
-12					13			
-13					13	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
					0.0			
-14								
			15'		15			
-15	S4		15'		15			
					0.1			
-16					17			
-17					17			
					0.0			
-18						gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet		
-19								
			20'		20			
-20								
End of Boring at 20 feet; No Refusal								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden:	Fill; Sand		
					Rock:	NA		
					Well Depth:	NA		
					Boring:	20'		

Groundwater Measurements**Summary**

Date	Time	Depth to Groundwater	Measuring Point
			Overburden: Fill; Sand
			Rock: NA
			Well Depth: NA
			Boring: 20'

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.

BORING ID: GP1-2
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0.0	black asphalt and graded base tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)		
-1					1			
-2					0.0			
-3					3	tan to gray fine to silty fine SAND, little medium sand; dry		
-4					3			
-5	S2		5'	48"	5			
-6					0.0			
-7					7			gray fine to silty fine SAND, trace medium sand, with pebbles; dry
-8					7			
-9					0.0			
-10	S3		10'	60"	9			
-11					9			
-12					0.1			
-13					11			
-14					11			
-15	S4		15'		0.1			
-16					13			
-17					13			
-18					0.0			
-19					15	gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet		
-20			20'		15			
-21					0.1			
-22					17	gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet		
-23					17			
-24					0.0			
-25					20'	End of Boring at 20 feet; No Refusal		
-26					20			
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater	Measuring Point	Overburden:	Fill; Sand			
				Rock:	NA			
				Well Depth:	NA			
				Boring:	20'			

TEST BORING LOG

CDW Consultants, Inc.

Project No.: 1830
 Total Depth: 20 ft
 Date Started: 5/28/2019
 Casing ID:
 Remarks: 6610 DT Geoprobe

Client: City of Waltham
 Location: 240 Beaver St
 Completed: 5/28/2019
 Ground El.:
 BORING ID: GP1-1
 Logged By: AMS
 Contractor: Crawford
 Sheet #: 1

Depth (Feet)	Sample				PID Hdspace (ppmv)	Sample Description	Well Diagram	
	Type & Num.	Blows per 6 Inches	Depth Range	Recovery				
0	S1		0'	40"	0.0	black asphalt and graded base		
-1					1	tan to gray fine SAND, trace gravel with broken concrete pieces; dry (FILL)		
-2					0.0			
-3					3	tan to gray fine to silty fine SAND, little medium sand; dry		
-4					3			
					0.0			
			5'		5			
-5	S2		5'	48"	5			gray fine to silty fine SAND, trace medium sand, with pebbles; dry
-6					0.0			
-7					7			
-8					7			
-9					0.0			
-10					9			
-11					9			
-12			10'		0.1	gray fine to silty fine SAND, trace medium sand, trace coarse sand with gravel pieces; moist to wet		
-13	S3		10'	60"	11			
-14					11			
-15					0.1			
-16					13			
-17					13			
-18					0.0			
-19			15'		15		gray fine to silty fine SAND, trace medium sand, trace coarse sand with silt lenses; wet	
-20	S4		15'		15			
-21					0.1			
-22					17			
-23					17			
-24					0.0			
-25					20'			
-26			20'		20			
-27						End of Boring at 20 feet; No Refusal		
-28								
Groundwater Measurements						Summary		
Date	Time	Depth to Groundwater		Measuring Point	Overburden: Fill; Sand			
					Rock: NA			
					Well Depth: NA			
					Boring: 20'			

